

## REMARKS

This Reply is in response to the Final Office Action mailed on April 18, 2007 (Office Action). Claims 1-7 and 9-12 were pending at the time of the Office Action.

In this Reply, claim 1 has been amended to include the limitations recited in claims 2-4, claims 9 and 11 have been amended, and claims 2-4 have been cancelled. No new matter has been added.

Applicants and the Undersigned wish to thank the Examiner for the helpful teleconference that took place on May 7, 2007. During the teleconference, the Undersigned reviewed several inventive distinctions. The Examiner indicated that if claim 1 was amended to include the solution based separating step recited in claim 3 and a thickness limit to clearly distinguish over the cited Margrave reference (Margrave teaches a 10 to 75 micron thick nanotube film to allow peeling off the nanotube film), the case would be allowed.

In the Reply, claim 1 has been amended to include the claim 2 limitation "separating said SWNT film from said porous membrane", the claim 3 limitation "wherein said separating step comprises dissolving said membrane" and the claim 4 limitation "wherein a thickness of said SWNT film is  $\leq 300$  nm". The "digestion of said membrane in an acid" now recited in amended claim 1 is a solution based alternative to dissolution in a solvent and finds explicit support in Applicants' paragraph 24.

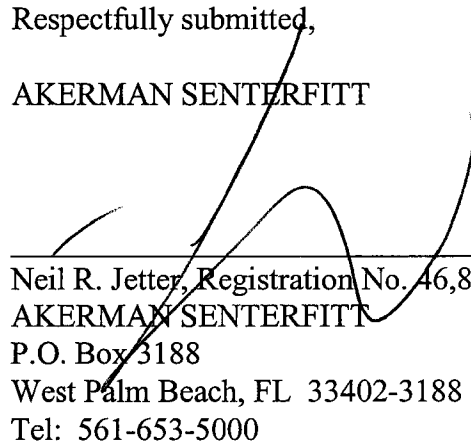
Applicants believe the present application is in condition for allowance. Should the Examiner feel otherwise, Applicants request the Examiner to call the undersigned (direct line (561) 671-3662) before issuance of any office action to set up a telephonic interview to expedite the prosecution of the present application to an allowance.

extension of time if necessary. The Commissioner for Patents and Trademarks is hereby authorized to charge the amount due for any retroactive extensions of time and any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees paid on the filing or during prosecution of this application to Deposit Account No. 50-0951

Respectfully submitted,

AKERMAN SENTERFITT

Date: 5/14/07

  
Neil R. Jetter, Registration No. 46,803  
AKERMAN SENTERFITT  
P.O. Box 3188  
West Palm Beach, FL 33402-3188  
Tel: 561-653-5000

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